

RECORDS RECEIVED

Date Received March 16, 1973
Well Summary (Form 100) _____
History (Form 103) X _____
Core Record (Form 101) _____
Elec. Log - Lge. Small _____
Direct. Survey _____
Sidewall Samples _____
Other _____

Notice of Records Due
Form 170 _____

Date Final Records Received _____

ENGINEER'S CHECK LIST

1. Summary, History, &
Core record (dupl.) ✓
2. Electric Log _____
3. Operator's Name ✓
4. Signature ✓
5. Well Designation ✓
6. Location _____
7. Elevation _____
8. Notices ✓
9. "T" Reports ✓
10. Casing Record _____
11. Plugs _____
12. Surface Inspection _____
13. Production _____

RECORDS NOT APPROVED

Reason: _____

RECORDS APPROVED ✓ gk

RELEASE BOND

Date Eligible _____
(Use date last needed records were
received.)

MAP & MAP BOOK NC gk

STATUSDATE

Producing - Oil _____
Idle - Oil _____
Abandoned - Oil _____
Drilling - Idle _____
Abandoned - Dry Hole ✓ 3-15-72
Producing - Gas _____
Idle - Gas _____
Abandoned - Gas _____
Gas - Open to Oil Zone _____
Water Flood Source _____
Water Disposal _____
Water Flood _____
Steam Flood _____
Fire Flood _____
Air Injection _____
Gas Injection _____
CO₂ Injection _____
LPG Injection _____
Observation _____

RECOMPLETED _____

CLERICAL CHECK LIST

1. Location change (F-165)
2. Elevation change (F-165)
3. Form 121 _____
4. Form 159 (Final Letter) _____
5. Form 150b (Release of Bond) _____

CONTINENTAL OIL COMPANY
"McNee" 1
(083-00359)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED

MAR 16 1973

Santa Maria, California

History of Oil or Gas Well

OPERATOR CONTINENTAL OIL COMPANY

FIELD CAT CANYON

Well No. MCNEE NO. 1 (083-00359), Sec. 20, T. 9N, R. 32W, S.B. B. & M.

Date MARCH 14, 19 73

Signed

180 N. Ashwood Ave.

Ventura, Calif. 93003

(805) 642-8154

Title AGENT

(Address)

(Telephone Number)

(President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date

PLUG AND ABANDONMENT RECORDCASING RECORD

10 3/4" @ 366'

100 SACK CMT PLUG IN 9 5/8" OPEN HOLE, TOP @ 243'

10' CMT BRIDGE IN TOP OF 10 3/4" CSG., 3' BELOW BASE OF CELLAR.

DRILLED DRY.

WORK DONE

WORK STARTED 3/10/72 COMPLETED 3/15/72

MOVE IN & RIG UP. TAG CEMENT @ 255'. DRILL OUT TO 956'. STUCK PIPE. CHANGED OVER TO OIL & LET STAND OVERNIGHT. UNABLE TO FREE PIPE. RIG B-J CEMENTERS & CIRCULATED CEMENT AROUND. BACKED OFF TUBING, RECOVERED 21 JTS. LEAVING 5 JTS. 3 1/2" TUBING, 5-6" DRILL COLLARS & 8 3/4" BIT IN HOLE. FILLED HOLE WITH CEMENT. CUT OFF CASING. WELD ON STEEL PLATE CLEAN LOCATION.

WELL PLUGGED AND ABANDONED.

DOG-Santa Maria (2)
DOP-Santa Maria (1)
Well File (1)

Map No.	Map Letter	Bond No.	Forms		
			115	114	121
					3-16-73 m3

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RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T **372-61**

Mr. **H. D. Haley, Agent**
Continental Oil Company
180 North Ashwood Avenue
Ventura, CA 93003

Santa Maria Calif.
March 17, 1972

DEAR SIR:

Operations at well No. **"McNee" 1 (083-00359)**, Sec. **20**, T. **9N**, R. **32W**, **S.B.** B & M.
Cat Canyon Field, in **Santa Barbara** County, were witnessed
on **March 14, 1972** Mr. **M. Schrecongost**, representative of the supervisor was present
from **1300** to **1530**. There were also present **F. Snow, drilling foreman.**

Present condition of well: **10 3/4" cem. 366'. T.D. 3663'.**

The operations were performed for the purpose of **witnessing the placing of a cement plug from 961' to the surface in the process of abandonment.**

Mr. _____ reported:

THE PLUGGING OPERATIONS AS REPORTED AND WITNESSED ARE APPROVED.

MS:al

JOHN F. MATTHEWS, JR.

~~JOHN F. MATTHEWS, JR.~~

State Oil and Gas Supervisor

By

Deputy

23

Cementing/Plugging Memo

372-61

212

Company Continental Oil Co.
 Well No. "M=Nee" 1 Sec. 20, T. 9N, R. 32W, S. B. B&M
 Field Cat Canyon, County Santa Barbara. On 3-14-72,
 Mr. M. Schrecongost, designated by the supervisor was present from 1300 to 1530
 as prescribed by law; there were also present F. Snow, D. F.
 Casing record of well: 10 3/4" cem. 366' T.D. 3663'

The operations were performed for the purpose of (2) — 961' to the surface — aband.

☒ The plugging/cementing operations as reported and witnessed are approved.

☐ The location and hardness of the cement plug @ _____' is approved.

Hole size: _____" fr. _____' to _____', _____' to _____" & _____" to _____'

Casing				Cemented			Top of Fill		Squeezed	Final	Perfs.
Size	Wt.	Top	Bottom	Date	MO-Depth	Volume	Annulus	Casing	Away	Press.	

Casing/tubing recovered: 2 1/2" shot/cut at backed, off at 600' pulled fr. 600';
2 1/2" shot/cut at _____, _____, _____ pulled fr. _____;

Junk (in hole): 600' to 957' Junk 2 1/2" tbg, drill collars & subs & bit

Hole fluid (bailed to) at _____'. Witnessed by _____

Mudding	Date	Bbls.	Displaced	Poured	Fill	Engr.
<u>None</u>						

Cement Plugs		Placing	Placing Witnessed		Top Witnessed			
Date	Sx./cu.ft.	MO & Depth	Date & Time	Engr.	Depth	Wt/Sample	Date & Time	Engr.
<u>3-14-72</u>	<u>500</u>	<u>Pumped tubing 957'</u>	<u>3-14 1400-1500</u>	<u>M.S.</u>				
<u>3-14-72</u>	<u>45</u>	<u>Poured surface</u>	<u>3-14 1515-1530</u>	<u>M.S.</u>	<u>Cemented to ± 6'</u>			<u>M.S.</u>

Stuck tubing, drill collars & bit @ 957' after cleaning out to 961'; Cemented thru bit - good return. Backed off & recovered 600' of tubing. Filled hole to 6' with cement.

MEMORANDUM OF TELEPHONE OR PERSONAL CONVERSATION

_____, Calif.
_____, 19____
Operator _____ Well No. _____
Field _____ Sec. _____ T. _____ R. _____ B&M
personal
A telephone conversation was held, concerning above well, with Mr. _____
_____ for above operator on _____ 19____ at _____ M.

Details of the conversation were as follows:

Continental/Zolbert 3-14-72

Stuck drill tubing at 861'; was drilling pretty hard at that depth but believe hole was not lost. OK to pump cement out tubing squeeze, leave cement in tubing and back it off. Then plug shoe, and surface. Was tele notified.

(Signed) _____

Title _____

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DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P. 372-84

Mr. H. D. Haley, Agent
Continental Oil Company
180 North Ashwood Avenue
Ventura, CA 93003

Santa Maria Calif.
March 17, 1972

DEAR SIR:

Your **supplementary** proposal to **abandon** Well No. **(083-00359) "McNee" 1**,
Section **20**, T. **9N**, R. **32W** **S.B. B. & M., Cat Canyon** Field, **Santa Barbara** County,
dated **3-13-72**, received **3-15-72**, has been examined in conjunction with records filed in this office.

DECISION: THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Sump and cellar shall be filled in and the surface shall be cleared of all oil field debris and restored insofar as possible to its natural condition so as to be aesthetically acceptable.
2. THIS DIVISION SHALL BE NOTIFIED TO WITNESS the location and hardness of the cement plug at 900'.

Blanket bond

JLZ:al

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JOHN F. MATTHEWS, JR.

~~EX-100-35901~~ State Oil and Gas SupervisorBy *Henry Greber*, Deputy

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED

MAR 15 1972

Santa Maria, California

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

Ventura

Calif.

March 13

19 72

DIVISION OF OIL AND GAS

Supplementary

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon

Well No. McNee No. 1, Sec. 20, T. 9N,

R. 32 W, S.B.B. & M., Olivera Canyon Field, Santa Barbara County,

commencing work on _____ 19____.

The present condition of the well is:

1. Total depth: 3663'. Plugged as below.
2. Complete casing record, including plugs:
10 3/4" 40.48" @ 366'
100 sack cmt. plug in 9 5/8" open hole.
Top @ 243'.
10' cmt. bridge in top of 10 3/4" casing,
3' below base of cellar.

Additional data for dry hole

4. Oil or gas showings and results of tests:

5. Stratigraphic markers and depths:

Sisquoc Shale 1368'
Miocene Shale 2350'

3. Last produced Drilled dry.
(Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

6. Age of formation at bottom:

7. Base of fresh water sands: _____

The proposed work is as follows:

1. Clean out 10' cement bridge at surface.
2. Drill out cement plug from 243' and clean out to 1000'.
3. Place cement plug from 1000' to 900'.
4. Place cement plug from 50' to surface.
5. Weld on steel plate and clean location.

Map No.	Map Letter	Bond No.	Forms	
			116	121
			3-17-72 H	3-15-72 H

180 N. Ashwood, Ventura, Calif. 93003
(Address)

Continental Oil Company

805-6428154

(Telephone No.)

By

H. D. Haley, Agent

D.O.G. Santa Maria (1) File (1)

19

March 13, 1972

Water-Disposal Project
Continental Oil Company
Cat Canyon Field - East Area
Sisquoc Formation - S_{1b} Sand

Continental Oil Company
180 North Ashwood Avenue
Ventura, CA 93003

Gentlemen:

This is in answer to your letter dated March 7, 1972 requesting this Division's approval of your proposal to start a water-disposal project in the S_{1b} zone East area of Cat Canyon field. Your proposed project is approved provided:

1. Continental Oil Company well No. "McNee" 1, abandoned, Sec. 20, T. 9 N., R. 32 W., S.B.B. & M., shall be re-entered and plugged with cement from approximately 1000' to 900' and from 50' below surface to surface. Notice on Form 107 shall be filed.
2. Monitoring of the project shall be accomplished by plotting injection pressure versus injection rate and versus cumulative injection. Also a 72-hour pressure fall-off curve shall be run initially and every two years thereafter.
3. A static temperature survey shall be run in well No. "McNee" 5 initially and every two years thereafter.
4. Form 105 or Form 107 shall be filed whenever a new well is to be drilled for use as an injection well, or whenever an existing well is to be converted to an injection well, even if no work is required. Specific requirements will be outlined in the answer to such notices.
5. A monthly report on Form 110B shall be furnished this Division, in duplicate, listing for each well in the project the amount of fluid injected and the injection pressure required.
6. Injection shall cease if any evidence of damage or migration of fluid behind casing is observed or upon written notice from this Division.
7. Injection-profile surveys to confirm that the injected fluid is confined to the intended zone of injection shall be run within 30 days after injection has started and at least every two years thereafter (once every year for all high-pressure or high-volume wells), after any significant anomalous rate or pressure change, or as requested by this office.
8. Significant data shall be maintained to establish that no damage is occurring because of excessive injection pressure. This information should be open to periodic inspection by personnel from this Division.

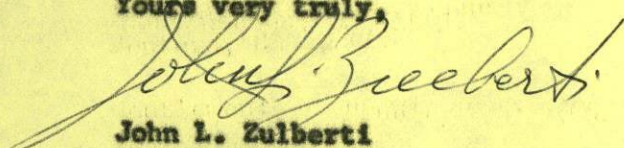
Continental Oil Company

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March 13, 1972

9. An accurately operating pressure gauge or chart shall be maintained at the wellhead at all times.

Yours very truly,


John L. Zulberti
Deputy Supervisor

JLZ:al

cc: Department of Water Resources
Regional Water Quality Control Board

(17)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

REPORT OF PROPERTY AND WELL TRANSFER

Field ~~or County~~ Santa Maria Valley & Cat Canyon

District 3

Former Owner: Douglas Oil Co. of Calif.

Date August 4, 1961

Description of Property

List of Wells

List of wells as per Form 156 - file 32

Date of Transfer July 1, 1961

New Owner: Continental Oil Co.

Address: 1137 Wilshire Bldg., L. A. 17, Calif.

Telephone No. HU 2-2422

Type of Organization Corp.

Reported by: Continental Oil Co. (Le dated July 25, 1961)

Confirmed by: Douglas Oil Co. 7-25-61

New Operator New Status PA

, Old Operator New Status Ab

Request designation of agent

Already appointed

Remarks:

	INITIALS	DATE
Form 121		
New Well Cards		
Well Records		
Electric Logs		
Production Reports		
Map and Book		
Form 148		
Notice to be cancelled		

Cecil L. Boston

Deputy Supervisor

LEGEND
PA—Producing Active
NPA—Non Potential Active
PI—Potential Inactive
NPI—Non Potential Inactive
Ab—Abandoned or No More Wells
NOTE—If Transfer Does Not Change Overall Status Enter "No Change"

Gibson-Drexler Building
Santa Maria, California
April 22, 1944

Mr. J. D. Robinson,
Orcutt, California,
Agent for Union Oil Company of California.


Dear Sir:

Your report of abandonment of well No. "McNee" 1,
Sec. 20, T. 9 N., R. 32 W., S. E. E. & M., Cat Canyon oil
field, Santa Barbara County, dated April 19, 1944, and
submitted to this Division on our Form 103, has been ex-
amined in conjunction with records filed in this office.

A review of the reports and records shows that
the requirements of this Division, which are based on
all information filed with it, have been fulfilled.

Yours truly,

R. D. BUSH
State Oil and Gas Supervisor

By 
Deputy Supervisor.

SGD:OM
CC: Mr. R. D. Bush

Map	Well	Owner	County	Filing	
				114	121
					4-22-44 m

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

WELL SUMMARY REPORT

DIVISION OF OIL & GAS
RECEIVED
APR 22 1944
SANTA MARIA, CALIFORNIAOperator UNION OIL COMPANY OF CALIFORNIA Field PROSPECT WELL Cat CanyonWell No. "McNEE NO. 1" Sec. 20, T. 9N, R. 32W, S.B. B. & M.Location 450' North and 450' West from S 1/4 corner Section 20. Elevation of derrick floor above sea level 874.2 feet.
ground

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date April 19, 1944Signed B.R. GriffithB.R. Griffith

(Engineer or Geologist)

J.D. Robinson

(Superintendent)

Title Division Petroleum Engineer

(President, Secretary or Agent)

Commenced drilling March 21, 1944 Completed drilling April 14, 1944 Drilling tools Cable
RotaryTotal depth 3663' Plugged depth 412-243

Junk _____

GEOLOGICAL MARKERS

DEPTH

Sisquoc Shale 1318'Miocene Shale 2350'8741476Commenced producing ABANDONED APRIL 15, 1944 Flowing/gas lift/pumping
(date) (cross out unnecessary words)

Initial production

Production after 30 days

Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
NONE					

CASING RECORD (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Casing landed in	Number of Sacks of Cement	Depth of Cementing if through perforations
10-3/4"	366'	0	40.48#	2nd.	Slipjoint		14-3/4"	200	

PERFORATIONS

Size of Casing	From	To	Size of Perforations	Number of Rows	Distance Between Centers	Method of Perforations
NONE	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				

Electrical Log Depths Schlumberger 366' to 3663'

(Attach Copy of Log)

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SUBMIT IN DUPLICATE
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED

APR 22 1944

SANTA MARIA, CALIFORNIA

History of Oil or Gas Well

OPERATOR UNION OIL COMPANY OF CALIFORNIA FIELD PROSPECT WELL Cat Canyon

Well No. "McNEE NO. 1", Sec. 20, T. 9N, R. 32W, S.B. B. & M.

Signed

[Signature]

Date April 19, 1944

Title Division Petroleum Eng.

(President, Secretary or Agent)

Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance. Such operations include drilling, re-drilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, re-drilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

Date

1944 EFF. DEPTH

3-21	30'	Spudded well at 11:00 P.M. Drilled 14-3/4" hole to 30'.
3-22	189'	Drilled 14-3/4" hole to 189'. Drilled and cased rat hole.
3-23	366'	Drilled 14-3/4" hole to 366'. Cemented 10-3/4" 40,48# National Slipjoint 2000# line pipe as casing at 366' including 11-5/8" OD X 16" Baker guide shoe on bottom w/180 sacks of Colton Construction Cement, premixed dry w/3% Aquagel by weight, using HOWCO 3-plug method, 400# final pressure. Cement mixing time 12 minutes. Displaced w/204 cubic feet of mud in 6 minutes. Filled outside of casing to surface w/20 sacks of ditto cement.
3-24	336'	Landed 10-3/4" casing on Shaffer base plate. Installed cellar connections and control equipment.
3-25	3663'	Located top of cement at 362'. Drilled and cored 9-5/8" hole from 366' to 3663'. See attached core record for cored intervals.
4-14	243'	Made Schlumberger electrical survey and Dipmeter survey Hung 4-1/2" hydriil drill pipe at 412' and pumped in 100 sacks of Permanente construction cement. Cement mixing time 6 minutes. Displaced w/16 cubic feet of water in 2 minutes. Plug in place at 4:45 P.M. Pulled drill pipe out of hole. Ran drill pipe in hole at 11:00 P.M. Located top of plug at 243'.
4-15	0'	Dismantled cellar connections. Put in 10' cement bridge in top of 10-3/4" casing 3' below base of cellar. <u>HOLE COMPLETELY ABANDONED.</u>

Page	Model	Cases	Cards	Perms
			127	121
			4-22-44	4-22-44

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED

APR 22 1944

SANTA MARIA, CALIFORNIA

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator UNION OIL COMPANY OF CALIFORNIA Field PROSPECT WELL Cat Canyon
Well No. McNEE NO. 1 Sec. 20, T. 9N, R. 32, S. B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
0	40	40	Drilled		Sand and gravel.
40	426	386	"		Yellow sand.
426	1125	699	"		Sand w/silty streaks.
1125	1375	250	"		Brown clayey siltstone.
1375	2350	975	"		Gray claystone w/streaks.
2350	2520	170	"		Brown shale.
2520	2530	10	Cored	2.0	2.0' SHALE: Brown, firm dense w/occasional thin streak of brown chert. Chert remains. Dips 45° ± (Small amount of gas bubbles from core)
2530	2540	10	"	2.0	2.0' SHALE: Hard, calcareous lite to grey-brown. Dips 45°. Occasional cherty streaks.
2540	2570	30	Drilled		
2570	2580	10	Cored	4.0	4.0' SHALE: Grey brown to dark grey brown, abundant arenaceous forams and fish scales. 50° dip
2580	2610	30	Drilled		
2610	2620	10	Cored	2.0	2.0' SHALE: Tan and tannish grey, very hard, calcareous, dense shale w/streaks chert. 50° dip.
2620	2649	29	Drilled		
2649	2659	10	Cored	1-3/4	0.4' SHALE: Tan hard limey shale showing 50° dip. 1.5' SHALE: Lite to dk, br. siliceous to slightly cherty finely laminated

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
APR 22 1944
SANTA MARIA, CALIFORNIA

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator UNION OIL COMPANY OF CALIFORNIA Field PROSPECT WELL C. C.

Well No. McNEE NO. 1 Sec. 20, T. 9N, R. 32, S. B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
2649	2659	10	Cored	Continued-	shale; good 50° dips. Abundant chitin remains.
2659	2690	21	Drilled		
2690	2700	10	Cored	1.0	1.0' SHALE: Medium to dark brown, hard, calcareous finely laminated w/white brown streaks; good 50° dips. Dry residual tar remains. Abundant arenaceous forams.
2700	2818	118	Drilled		
2818	2828	10	Cored	6.0	6.0' SHALE: Grayish brown, fairly soft, shows good bedding, somewhat fissile and broken. Grades down to greenish-grey brown slightly harder firmer shale in lower part. Dips 41°-44°.
2840	2850	10	Cored	2.0	2.0' SHALE: Dark greenish brown, fairly soft, laminated with thin fine streaks of fine grey silt w/bottom feet hard grey-brown chert fragments. Small amounts of hard dry residual tar material. 44°.
2850	2880	30	Drilled		
2880	2890	10	Cored	3.0	3.0' SHALE: Dark greenish-gray, soft to hard, fairly massive, micaceous, w/upper part somewhat silicified Dips 55°.
2890	2920	30	Drilled		

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
APR 22 1944

LOG AND CORE RECORD OF OIL OR GAS WELL SANTA MARIA, CALIFORNIA

Operator UNION OIL COMPANY OF CALIFORNIA Field PROSPECT WELL C. C.
Well No. McNEE NO. 1 Sec. 20, T. 9N, R. 32, S. B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
2920	2930	10	Cored	2.0	2.0' SHALE: Dark gray brown hard, laminated w/thin streaks chert. Common dry residual tar material. Dips 55°.
2930	2960	30	Drilled		
2960	2961	1	Cored	1.0	1.0' SHALE: Dark brown soft to hard (silicified) micro-micaceous laminated w/lite brown streaks. Dips 51°. Several fragments of chert. Shows some fine pyritised material.
2962	2963	1	Cored	1.0	0.6" CHERT: Banded lite and dark brown chert as above. 0.6" CLAYSTONE: Soft greenish gray sandy massive claystone. (cavings?)
2963	2971	5	Cored	2.0	2.0' SHALE: Dark brown soft to hard micro-micaceous good bedding at 48° dip. Some dry tar.
2971	3000	29	Drilled		
3000	3010	10	Cored	12.0	12.0' SHALE: Dark brown, soft micro-micaceous well bedded at 51° dip. Gas emitted slight amount of gas.
3010	3040	30	Drilled		
3040	3047	7	Cored	6.0	6.0' SHALE: Lite brown-gray. Fairly soft, micro-micaceous fissile, well bedded and laminated w/lite thin streaks of silty shale, shows rare

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DIVISION OF OIL AND GAS

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APR 22 1944
SANTA MARIA, CALIFORNIA

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator UNION OIL COMPANY OF CALIFORNIA Field PROSPECT WELL C. C.

Well No. McNEE NO. 1 Sec. 20, T. 9N, R. 32, S. B, B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
040	3047	Continued---			phosphatic inclusions, chitin remains w/little dried tar. Dips 45°- 55°. Locally silicified
3047	3077	30	Drilled		
3077	3087	10	Cored	5.0	5.0' <u>SHALE</u> : Dark brown soft to hard, massive, cal- careous fairly broken w/some fractures show- ing slickensides. Nor dip. Forams. First Cherty foram bugs.
3087	3117	30	Drilled		
3117	3119	2	Cored	2.0	2.0' <u>SHALE</u> : Brown, soft, locally silicified, micro-micaceous, fissile, well bedded w/streaks of silty shale. Shows flood of pyritized diatoms in middle of core and arenaceous forams. Dips 45°. Core emits gas.
3119	3149	30	Drilled		
3149	3159	10	Cored	6.0	6.0' <u>SHALE</u> : Same lithology and fauna as above. Dip 55°. Core emits gas. Small amount of dried tar.
3159	3190	31	Drilled		
3190	3200	10	Cored	2.0	2.0' <u>SHALE</u> : Dark brown to gray-brown fairly hard fair bedding w/dark gray limey streaks. Re-cemented fractures w/calcite. Dip 55° Same fauna as above.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
APR 22 1944
SANTA MARIA, CALIFORNIA

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator UNION OIL COMPANY OF CALIFORNIA Field PROSPECT WELL C. C.

Well No. McNEE NO. 1 Sec. 20, T. 9N, R. 32, S. B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
3200	3230	30	Drilled		
3230	3235	5	Cored	4.0	4.0' SHALE: Dark reddish brown micro-micaceous hard locally calcareous well bedded and laminated w/lite brown streak. Diatoms (pyritized) and forams including Trepostoma forams. Dip 50°.
3235	3265	30	Drilled		
3265	3275	10	Cored	2.0	2.0' SHALE: Dark grey-brown to brown hard calcareous well bedded and laminated w/lite brown streak. Some dried tar. Dip 52°. Core broken and burned. Forams present. Core emitted little gas.
3275	3280	5	Drilled		
3280	3285	5	Cored	2.0	2.0' SHALE: Dark reddish brown, soft to fairly hard, well bedded, micro-micaceous w/common forams and rare chitin remains. Dips 52°.
3285	3288	3	Cored	3.0	2.0' SHALE: Lite brown-grey hard well bedded, calcareous "limey shell" forams. Dips 52°. 1.0' SHALE: Dark brown and grey brown well bedded, soft to hard, locally calcareous w/forams. Dips 52°.
3288	3290	2	Drilled		

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SANTA MARIA, CALIFORNIA

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator UNION OIL COMPANY OF CALIFORNIA Field PROSPECT WELL C. C.

Well No. MANLEE NO. 1 Sec. 20, T. 9N, R. 32, S.B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
3290	3295	5	Cored	4.0	4.0' SHALE: Same lithology and fauna as above. Top feet hard and calcareous w/seams up to 1/4" filled w/crystalline calcite. Dip 48°.
3295	3300	5	Drilled		
3300	3310	10	Cored	8.0	8.0' SHALE: Same lithology and fauna as above. Dip 50°.
3310	3340	30	Drilled		
3340	3350	10	Cored	10.0	10.0' SHALE: Dark brownish-grey, fairly soft, micro-micaceous, slightly silty, shows good bedding. Contains forams. Dips 27°-49°. Core breaks along poorly developed fractures. Gas bubbled from core.
3350	3380	30	Drilled		
3380	3390	10	Cored	9.0	9.0' SHALE: Same lithology and fauna as above w/less silty material and occasional laminations. Dips 60°. Gas bubbled from core.
3390	3420	30	Drilled		
3420	3430	10	Cored	3.0	3.0' SHALE: Dark brown, soft, well and thinly bedded w/few arenaceous forams. Dip 57°.
3430	3460	30	Drilled		

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

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SANTA MARIA, CALIFORNIA

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator UNION OIL COMPANY OF CALIFORNIA Field PROSPECT WELL @.C.
Well No. "McNEE" No. 1 Sec. 20, T. 9N, R. 32, S.B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
160	3465	5	Cored	1.0	1.0' SHALE: Dark brownish-grey, fairly hard, slightly calcareous, well bedded and laminated w/lite brown streaks. Dip 57°. Dried tar in fractures.
3465	3495	30	Drilled		
3495	3505	10	Cored	9.0	9.0' SHALE: Dark grey-brown soft to fairly hard, finely micaceous, well bedded. Dips 55°-58°. Some gas emitted from core.
3505	3535	30	Drilled		
3535	3545	10	Cored	1.5	1.5' SHALE: Same as above, locally calcareous w/ rare chitin remains and rare small inclusions of lite tan phosphatic material. Dip 50°. Some dried tar in fractures.
3545	3575	30	Drilled		
3575	3585	10	Cored	1.5	1.5' SHALE: Same as above w/common forams. No phosphatic material noted. Dip 45°. Gas emitted from core. Grey bentonite streak at top.
3585	3605	20	Drilled		
3605	3615	10	Cored	6.0	6.0' SHALE: Dark brown and grey, hard and locally soft, calcareous, well bedded and banded w/ occasional streaks

STATE OF CALIFORNIA
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DIVISION OF OIL AND GAS

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APR 22 1944

LOG AND CORE RECORD OF OIL OR GAS WELL SANTA MARIA, CALIFORNIA

Operator UNION OIL COMPANY OF CALIFORNIA Field PROSPECT WELL C.C.

Well No. "MONEE" NO. 1 Sec. 20, T. 2N, R. 32, S. B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
605	3615	Continued----			slightly silty grey shale. Fractured w/ seams of calcareous material. Dips 52°.
3615	3625	10	Cored	4.0	4.0' SHALE: Same as above, Dips 45°.
3625	3635	10	Cored	2.0	2.0' SHALE: Same as above w/rare small pieces of carbonaceous material and pyritized diatoms. Fissile.
3635	3643	8	Cored	8.0	8.0' SHALE: Same as above but softer and less calcareous. Gas bubbles from core. Dip 45°.
3643	3653	10	Cored	5.0	5.0' SHALE: Same as above w/ lower 3' calcareous w/ few thin seams filled w/ calcareous material. Dips 46°. Occasional fluid of pyritized diatoms.
3653	3663	10	Cored	1.5	1.5' SHALE: Fragments of same as above, hard and calcareous.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P 3-3409

Santa Maria, Calif. April 17, 1944

Mr. J. D. Robinson,

Orcutt, Calif.

Agent for Union Oil Company of California

DEAR SIR:

Your _____ proposal to abandon Well No. "McNee" 1,
Section 20, T. 9N., R. 32W., S.B.B. & M., Cat Canyon Field, Santa Barbara County,
dated Apr. 14, 1944, received Apr. 15, 1944, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

RECORDS: The condition of the well is as stated in the notice.

THE NOTICE STATES:

"The present condition of the well is as follows:

TOTAL DEPTH: 3663'

CASING RECORD: 10-3/4" Cem. 366'

Drilled and spot cored 9-5/8" hole from 2520' to 3663'. No
showings of any consequence encountered."

PROPOSAL:

"The proposed work is as follows:

- (1) Fill hole w/80# mud.
- (2) Hang 4-1/2" drill pipe at 400' and pump in 100 sacks of
cement. Cement plug to extend at least 25' inside
10-3/4" casing. Test plug for location and
hardness.
- (3) Cap well at surface w/10' cement plug below cellar level.
- (4) Abandon well location."

DECISION:

THE PROPOSAL IS APPROVED.

STRUCTURE WELL

Blanket bond.

CC - Mr. W. C. Penfield
- Mr. F. H. Johnson
- P. A. W.

R. D. BUSH

State Oil and Gas Supervisor

By

Deputy

Map	Model	Notes	Cards	Index
				115 321
				4-17-44 ✓ M 4-17-44 ✓ M

4

Rec'd S.M. 4/15/44

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED

APR 15 1944

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin **SANTA MARIA, CALIFORNIA**

ORCUTT

Calif. APRIL 14

1944

DIVISION OF OIL AND GAS

SANTA MARIA

Calif.

In compliance with Section 3229, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to abandon well No. **"MCNEE" NO. 1.**

Sec. **20**, T. **9N**, R. **32W**, S. B. B. & M. **PROSPECT WELL** Field,

Santa Barbara

County, commencing work on the **14** day

of **April** 19 **44**.

The present condition of the well is as follows:

TOTAL DEPTH: **3663'**
CASING RECORD: **10-3/4" Cem. 366'**
Drilled and spot cored **9-5/8"** hole from **2520'** to **3663'**. No showings of any consequence encountered.

3663
2350
1313

The proposed work is as follows:

- (1) Fill hole w/80# mud.
- (2) Hang 4-1/2" drill pipe at 400' and pump in 100 sacks of cement. Cement plug to extend at least 25' inside 10-3/4" casing. Test plug for location and hardness.
- (3) Cap well at surface w/10' cement plug below cellar level.
- (4) Abandon well location.

Top Miss - 2415-2350
No Chart in Chart zone
In Bent Brown @ 3615

3600
874
2726

3

State	Model	Cross Section	Cards	Index
				114
				114

UNION OIL COMPANY OF CALIFORNIA.

(Name of Operator)

By *[Signature]*
Division Petroleum Engineer.

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P 3-3370

Santa Maria, Calif. February 23, 19 44

Mr. J. D. Robinson,
Orcutt, Calif.
Agent for Union Oil Company of California

DEAR SIR:

Your _____ proposal to drill Well No. "McNee" 1,
Section 20, T. 9 N., R. 32W., S.B. B. & M., Cat Canyon Field, Santa Barbara County,
dated Feb. 19, 19 44, received Feb. 23, 19 44, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The elevation of the derrick floor above sea level is 874.2 feet.
The well is 450 feet N. and 450 feet W. from South 1/4 corner Section 20.
Lease consists of 320 acres, more or less.
We estimate that the first productive oil or gas sand should be encountered
at a depth of about UNKNOWN feet.
Well is to be drilled with rotary tools."

PROPOSAL:

"We propose to use the following strings of casing, either cementing or landing them as herein indicated:

Size of Csg., In.	Weight, Lb. Per Foot	Grade and Type	Depth	Landed or Cemented
10-3/4"	40#	Seamless	200'	Cemented

Well to be drilled for sub-surface information only and under no circumstances will hole be used for production purposes. Hole to be abandoned under your direction upon securing desired information.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. The character of the fluid content of each porous formation shall be determined, and, if of commercial value, shall be protected in a manner approved by this Division.
2. This Division shall be notified of any oil or gas showings encountered when the notice of intention to abandon is filed.

STRUCTURE WELL

Blanket bond.

CC - P.A.W.

R. D. BUSH

State Oil and Gas Supervisor

By

Deputy

Map	Model	Cross	Notes	Permit
				5 123
				2-23-44
				2-20-44

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

DIVISION OF OIL & GAS
RECEIVED

FEB 23 1944

SANTA MARIA, CALIFORNIA

#14

Orcutt, Calif. February 19, 1944

DIVISION OF OIL AND GAS

Santa Maria, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "McNEE" NO. 1, Sec. 30, T. 9N, R. 32W, S.B. B. & M., PROSPECT WELL Field, Santa Barbara County.

Lease consists of 320 acres, more or less.

The well is 450 feet N. of S., and 450 feet E. of W. from South 1/4 corner Section 20.
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor above sea level is 874.2 feet.
~~ground~~

We estimate that the first productive oil or gas sand should be encountered at a depth of about UNKNOWN feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

Size of Casing, Inches	Weight, Lb. Per Foot	Grade and Type	Depth	Landed or Cemented
10-3/4"	40#	Seamless	200'	Cemented
Well to be drilled for sub-surface information only and under no circumstances will hole be used for production purposes. Hole to be abandoned under your direction upon securing desired information.				

Well is to be drilled with rotary tools.
~~rotary~~

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address Box 1365,

UNION OIL COMPANY OF CALIFORNIA

(Name of Operator)

Telephone number Santa Maria "660"

By *B. R. Griffith*
Division Petroleum Engineer

EHR

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

Map	Model	Cross Section	Card	Plat
2				114
J. L. L.				2-23-44
12/7/51				